

## INDEX

- Abrams, Leroy, Illustrated Flora of the Pacific States, Vol. II, 340  
Abramson, D. I., Vascular Responses in the Extremities of Man in Health and Disease, 346  
Ackerman, Lloyd, Health and Hygiene, 255  
Adams, Brooks, The Law of Civilization and Decay, 80  
Adams, R. C., Intravenous Anesthesia, 351  
Agar, W. E., A Contribution to the Theory of the Living Organism, 236  
Aginsky, B. W., Culture Element Distributions: XXIV, 52  
Ainsworth, G. C., and Bisby, G. R., A Dictionary of the Fungi, 339  
Alvarez, W. C., Nervousness, Indigestion, and Pain, 174  
Ambisexuality, 86  
Amitosis, in myxosporidia, 217  
Amphineurans, 94  
Anderson, Eva G., Chief Seattle, 50  
Andrews, Roy Chapman, Under a Lucky Star, 151  
Armstrong, D. B., What to Do Till the Doctor Comes, 69  
Arthur, Maurice, Philosophy of Scientific Investigation, 237  
Atmospheric conditions and bird navigation, 26  
Bahr, Sir Philip M., Synopsis of Tropical Medicine, 163  
Baker, Harry J., Introduction to Exceptional Children, 261  
Baker, Rachel, The First Woman Doctor, 350  
Barnouw, A. J., and Landheer, B. (Eds.), The Contribution of Holland to the Sciences, 274  
Bateson, Gregory, and Mead, Margaret, Balinese Character, 269  
Bawden, F. C., Plant Viruses and Virus Diseases, 241  
Bell, E. T. (Ed.), A Textbook of Pathology, 351  
Benedict, Ruth, Race: Science and Politics, 49  
Bercovitz, Taylor (Ed.), Clinical Tropical Medicine, 256  
Berman, Louis, Behind the Universe, 173  
Berry, E. G., The Amnicolidae of Michigan, 52  
Bills, A. G., Psychology of Efficiency, 78  
Bibby, Cyril, Simple Experiments in Biology, 238  
Billington, Cecil, Shrubs of Michigan, 240  
BIOCHEMISTRY (book reviews), 69, 167, 270, 362  
BIOMETRY (book reviews), 71, 169, 272, 363  
Birds, blastoderm organization, 187  
mosaic effects in domestic, 285  
navigation, sensory basis of, 15  
pigment cells, 98; in tissue culture, 112  
Bishop, S. C., Handbook of Salamanders, 154  
Blastoderm, chick, 187-212  
  endoderm, 204  
  germinal areas, 187, 196  
  hypoblast, 188  
  lens, 202  
medullary reaction in, 199  
mesoderm formation in, 189  
mesodermal anlagen, 203  
methods of investigating, 197  
pre-streak stage, 198  
primitive streak stage, 198  
Blood vessels of the nervous tissue, 308  
Bloot, W. R., Biochemistry of the Fatty Acids, 168  
Bogert, C. M., Dentalia Phenomena in Cobras and Other Elapids with Notes on Adaptive Modifications of Fangs, 54  
Boniger, W. A., Race and Crime, 78  
Booth, E. S., Laboratory Anatomy of the Cat, 248  
Bossard, J. H. S., and Boll, Eleanor S., Family Situations, 76  
BOTANY (book reviews), 55, 156, 239, 339  
Bourne, G. H., Starvation in Europe, 165  
Breland, O. P., Manual of Comparative Anatomy, 159  
Bremer, J. L., and Weatherford, H. L., A Textbook of Histology, 247  
Bridges, C. B., and Brehme, Katherine S., The Mutants of *Drosophila melanogaster*, 337  
Bronson, W. S., The Grasshopper Book, 54  
Brown, Frank A., Jr., Hormones in the Crustacea: Their Sources and Activities, 32-46, 118-143  
Browne, C. A., A Source Book of Agricultural Chemistry, 362  
Brumley, O. V., A Textbook of the Diseases of the Small Domestic Animals, 166  
Bull, Henry B., Physical Biochemistry, 167  
Burger, John, The Black Man's Burden, 358  
Burks, B. D., The North American Parasitic Wasps of the Genus *Tetrastichus*, 155  
Burns, Robert K., Stupor Mundi et Immutator Mirabilis, 144-146  
Byrne, J. G., Studies on the Physiology of the Eye, 346  
Cable, Mildred, and French, Francesca, The Gobi Desert, 360  
Cain, Stanley A., Foundations of Plant Geography, 335  
Capillary, area of supply, 313  
Carnegie Institution of Washington Year Book No. 42, 367  
Carson, Rachel L., Fishes of the Middle West, 153  
Food from the Sea, 153  
Celestial landmarks and bird navigation, 26  
Cephalopods, 94  
Chesney, A. M., The Johns Hopkins Hospital and the Johns Hopkins University School of Medicine, 256  
Chick blastoderm, early history and mechanics of, 187-212  
  germinal areas, 187  
Child, I. L., Italian or American?, 266  
Chromatophores, crustacean, 34  
Clark, Austin H., Iceland and Greenland, 51

- Clayton, A. S., Emergent Mind and Education, 175  
 Cline, A. C., and Spurr, S. H., The Virgin Upland Forest of Central New England, 156  
 Coats, R. H., and MacLean, M. C., The American Born in Canada, 170  
 Cobb, Stanley, Borderlands of Psychiatry, 75  
 COE, W. R., Sexual Differentiation in Mollusks. II. Gastropods, Amphineurans, Scaphopods, and Cephalopods, 85-97  
 Coker, W. C., and Beers, Alma H., The Boletaceae of North Carolina, 56  
 Coleman, L. V., Company Museums, 83  
 Conklin, E. G., Man: Real and Ideal, 149  
 Cooley, D. G., Your World Tomorrow, 367  
 Cooper, Lenna F., *et al.*, Nutrition in Health and Disease, 252  
 Cort, W. W., The Germ Cell Cycle in the Digenetic Trematodes, 275-284  
 Cowdry, E. V., Microscopic Technique in Biology and Medicine, 158  
 Craik, K. J. W., The Nature of Explanation, 183  
 Craig, C. F., and Faust, E. C., Clinical Parasitology, 343  
 Cressey, G. B., Asia's Lands and Peoples, 357  
 Crisp, Katherine B., Health for You, 347  
 Crustacea, central nervous organs of, 130  
     eyestalks of, 35  
     gonads of, 134  
     hormones in, 32-46, 118-143  
     Schwarzorgan of, 129  
     sinus gland of, 33  
     X-organs of, 129  
 Cummins, H., and Midlo, C., Finger Prints, Palms and Soles, 158  
 Cushing, Harvey, A Bio-Bibliography of Andreas Vesalius, 246  
 Daniel, G. E., The Three Ages, 354  
 Darwin, on recapitulation, 322  
 Davson, Hugh, and Danielli, J. F., The Permeability of Natural Membranes, 249  
 Densmore, Frances, *et al.*, Anthropological Papers, Smithsonian Institution, 355, 357  
 DE OMNIBUS REBUS ET QUIBUSDEM ALIIS (book reviews), 79, 181, 273, 365  
 Deignan, H. G., Burma—Gateway to China, 150  
 Deming, W. E., Statistical Adjustment of Data, 272  
 Dice, Lee R., The Biotic Provinces of North America, 48  
 Digenetic trematodes, 275  
 Dioecism, 93  
 Dixon, Malcolm, Manometric Methods, 171  
 Dobzhansky, Th., and Epling, Carl, Contributions to the Genetics, Taxonomy, and Ecology of *Drosophila pseudoobscura* and its Relatives, 337  
 Dodge, B. O., and Rickett, H. W., Diseases and Pests of Ornamental Plants, 157  
 Doherty, W. B., and Runes, D. D. (Eds.), Rehabilitation of the War Injured, 166  
 Draper, George, *et al.*, Human Constitution in Clinical Medicine, 253  
 Dreher, Emil, The Chemistry of Synthetic Substances, 271  
 Dunbar, Flanders, Psychosomatic Diagnosis, 260  
 DUSHANE, GRAHAM P., The Embryology of Vertebrate Pigment Cells. Pt. II. Birds, 98-117  
 Ecological cues and bird navigation, 27  
 Eddy, Samuel, and Surber, Thaddeus, Northern Fishes, 245  
 Edelstein, Ludwig, The Hippocratic Oath, 237  
 Edwards, T. I., and Rountree, L. G., Causes of Rejection and Incidence of Defects, 170  
 Electrical receptors and bird navigation, 25  
 Elias, M. K., Tertiary Prairie Grasses and Other Herbs from the High Plains, 48  
 Emerson, W. R. P., Health for the Having, 347  
 End-arteries, 308, 310  
 Engle, E. T. (Ed.), Proceedings of the Conference on Problems of Human Fertility, 338  
 Erdtman, G., An Introduction to Pollen Analysis, 241  
 Erikson, E. H., *et al.*, University of California Publications in American Archeology and Ethnology, 356  
 Espinosa, Antonio Vasquez de, Compendium and Description of the West Indies, 361  
 Estabrooks, G. H., Hypnotism, 180  
 Evans, Herbert M., Essays in Biology, in Honor of, 147  
 EVOLUTION (Book reviews), 47, 238, 335  
 Eye, lens formation, 202  
     pigment, 102, 118-122  
 Eyestalks, crustacean, 35  
 Fairchild, David, Garden Islands of the Great East, 239  
 Farnsides, W. G., and Bulman, O. M. B., Geology in the Service of Man, 368  
 Feather pattern, 108, 285  
 Fejos, Paul, Archeological Explorations in the Cordillera Vilcabamba Southeastern Peru, 355  
     Ethnography of the Yagua, 356  
 Felt, E. P., Shelter Trees in War and Peace, 58  
 Fenska, R. R., Tree Experts Manual, 58  
 Fenton, C. L., Our Living World, 184  
 Fenton, Norman, Mental Hygiene in School Practice, 262  
 Fernald, M. L., and Kinsey, A. C., Edible Wild Plants of Eastern North America, 156  
 Fish and Wildlife Service, Studies on the Pacific Pilchard or Sardine (*Sardinops caerulea*), 343  
 Fisher, R. A., and Yates, Frank, Statistical Tables for Biological, Agricultural, and Medical Research, 72  
 Forbus, W. D., Reaction to Injury, 164  
 Frederick II of Hohenstaufen, The Art of Falconry, 144-146  
 Friedenwald, Harry, The Jews and Medicine: Essays, 257  
 Friedman, R., Biology of *Acarus scabiei*, 152

- in Clin-  
stances,  
260  
vertebrate  
northern  
of Re-  
Other  
nce on  
is, 241  
ublica-  
ty, 356  
n and  
of, 147  
ut, 239  
ogy in  
Cor-  
ctice,  
Plants  
c Pil-  
es for  
h, 72  
ony,  
says,
- Garrett, Eileen J., Awareness, 177  
Gastropods, 85  
Gates, P. W., The Wisconsin Pine Lands of Cornell University, 185  
GENERAL BIOLOGY (book reviews), 48, 147, 236, 333  
GENETICS (book reviews), 48, 147, 337  
Genetics and recapitulation, 327  
Germ cell cycle in digenetic trematodes, 275  
in *plagiorchiids*, 281  
in schistosomes, 280  
in strigeids, 279  
Germinal areas, chick blastoderm, 187  
methods of investigating, 197  
properties and dynamic relations of, 196  
Germinal sacs, reproduction in, 275  
Gilbert, W. H., Jr., Peoples of India, 358  
Gist, N. P., *et al.*, Selective Factors in Migration and Occupation, 150  
Gisvold, Ole, and Rogers, C. H., The Chemistry of Plant Constituents, 270  
Githens, T. S., and Wood, C. E., Jr., The Food Resources of Africa, 164  
Glass, Bentley, Genes and the Man, 147  
Glueck, Sheldon and Eleanor, Criminal Careers in Retrospect, 263  
Goldstein, M. S., Demographic and Bodily Changes in Descendants of Mexican Immigrants, 171  
Gonochorism, 93  
Graham, H. W., Studies in the Morphology, Taxonomy, and Ecology of the Peridiniales, 153  
Graham, Herbert W., *et al.*, Biological Results of the Last Cruise of the Carnegie, 148  
Graham, Michael, the Fish Gate, 342  
Graham, S. A., and O'Roke, E. C., On Your Own, 83  
Grant, J. C. Boileau, An Atlas of Anatomy, 61  
Gray, D. E., Man and His Physical World, 83  
Greenwood, Major, Authority in Medicine: Old and New, 166  
Gregg, A. L., Tropical Nursing, 351  
Griffen, DONALD R., The Sensory Basis of Bird Navigation, 15-31  
Griffin, J. B., The Fort Ancient Aspect, 354  
Griffith, C. R., Principles of Systematic Psychology, 178  
Groves, E. R., and Groves, Gladys H., Sex in Marriage, 70  
Growth phase, in myxosporidia, 218  
Gunther, C. E. N., Practical Malaria Control, 350  
Gustafson, A. F., *et al.*, Conservation in the United States, 333  
Gymnandromorpha, 293  
Haagensen, C. D., and Lloyd, W. E. B., A Hundred Years of Medicine, 165  
Hahn, E. F., Stuttering, 77  
Hale, M. B., and Hale, S. M., Social Therapy, 263  
Hall, Marguerite F., Public Health Statistics, 71  
Ham, A. W., and Salter, M. D., Doctor in the Making, 66  
Hamilton, G. H., Plants of the Niagara Parks System of Ontario, 239  
Harley, David, Medico-Legal Blood Group Determination, 48  
Harrell, Ruth F., Effect of Added Thiamine on Learning, 178  
Harrow, Benjamin, *et al.*, Laboratory Manual of Biochemistry, 271  
Hayes, Edward W., Tuberculosis as It Comes and Goes, 67  
Haynes, S. K., Practical Pigeon Production, 342  
Heilbrunn, L. V., An Outline of General Physiology, 249  
Hermaphroditism, 86  
Hickey, J. J., A Guide to Bird Watching, 154  
Hill, G. F., Termites (Isoptera) from the Australian Region, 155  
Hill, H., and Dodsworth, E., Food Inspection Notes, 347  
Hilliard, Jessamine, and Coghlan, C. C., Are You Allergic?, 255  
Hinton, H. E., and Corbet, A. S., Common Insect Pests of Stored Food Products, 54  
Hirschfeld, Magnus, Sexual Anomalies and Perversions, 353  
Hoagland, D. R., Lectures on the Inorganic Nutrition of Plants, 332  
Hochbaum, H. A., The Canvasback on a Prairie Marsh, 342  
Hoerr, N. L. (Ed.), Frontiers in Cytochemistry, 167  
Holbrook, S. H., Burning an Empire, 157  
HOLLANDER, W. F., Mosaic Effects in Domestic Birds, 285-307  
Holmes, H. N., Out of the Test Tube, 273  
HOLMES, S. J., Recapitulation and Its Supposed Causes, 319-331  
Homing ability, birds, 15  
Hooper, E. T., San Francisco Bay as a Factor Influencing Speciation in Rodents, 238  
Hormones, bird, effect on pigment cells, 112  
Hormones, crustacean, 32-46, 118-143  
    influence on chromatophores, 35-46; on heart rate and motor activity, 125-126; on molting, 122-125; on retinal pigment migration, 118-122; on viability, 126-128  
liberation of, 45  
localization of source in eyestalks, 38  
number in eyestalks, 40  
Howard, F. T., Complexity of Mental Processes in Science Testing, 179  
Howells, William, Mankind So Far, 336  
Huff, C. G., A Manual of Medical Parasitology, 244  
Hughes, Muriel J., Woman Healers in Medieval Life and Literature, 167  
Hull, C. L., Principles of Behavior, 258  
HUMAN BIOLOGY (book reviews), 49, 148, 263, 354  
Hurlock, Elizabeth B., Modern Ways with Children, 262

- Hydrick, J. L., Intensive Rural Hygiene Work in the Netherlands East Indies, 163  
Hypoblast, 188
- Indo-Australian zoogeography, 1-14  
Institute of Pacific Relations, Social Change in Southwest China, 268
- Jamieson, G. S., Vegetable Fats and Oils, 270  
Jensen, Frode, et al., Medical Care of the Discharged Hospital Patient, 349  
Jones, H. E., Development in Adolescence, 179
- Kasanin, J. S. (Ed.), Language and Thought in Schizophrenia, 353  
Keller, Rudolph, New Aspects of Cheap Food, 67  
Kelsen, Hans, Society and Nature, 263  
Kennedy, Raymond, Islands and Peoples of the Indies, 51  
Kinesthesia receptors and bird navigation, 24  
Klineberg, Otto (Ed.), Characteristics of the American Negro, 264  
Kraines, S. H., and Thetford, E. S., Managing Your Mind, 77  
Kreiger, H. W., Island Peoples of the Western Pacific, 148  
Krueger, W. W., The Fundamentals of Personal Hygiene, 256  
Kudo, R. R., Manual of Human Protozoa, 344  
Morphology and Development of *Nosema notabilis* Kudo, 345  
Kulischer, E. M., The Displacement of Population in Europe, 267
- Lack, David, The Life of the Robin, 73  
Lawton, George (Ed.), New Goals for Old Age, 354  
Lazier, E. L., Anatomy of the Dogfish, 159  
Leggett, W. F., Ancient and Medieval Dyes, 365  
Leifson, Einar, Bacteriology, 65  
Lens formation, 202  
Leonardo, R. A., History of Surgery, 69  
Levy, D. M., Maternal Overprotection, 76  
Lewis, G. M., and Hopper, Mary E., An Introduction to Medical Mycology, 161  
Life cycles, in digenetic trematodes, 275  
in myxosporidia, 213  
Linder, F. E., and Gore, R. E., Sixteenth Census of the United States, 1940: Vital Statistics Rates in the United States 1900-1940, 363  
Livingston, W. K., Pain Mechanisms, 165  
Loram, C. T., and McIlwraith, T. F. (Eds.), The North American Indian Today, 149  
Luck, J. M., and Hall, V. E. (Eds.), Annual Review of Physiology, Vol. VI, 345  
Luck, J. M., and Smith, J. H. C. (Eds.), Annual Review of Biochemistry, Vol. XII, 70  
Lyon, T. L., and Buckman, H. O., The Nature and Properties of Soils, 81  
McCay, C. M., Nutrition of the Dog, 252  
McCready, B. W., On the Influence of Trades, Professions, and Occupations in the United States, in the Production of Disease, 254  
MacCurdy, J. T., The Structure of Morale, 180  
Machover, Solomon, Cultural and Racial Variations in Patterns of Intellect, 75  
MacLeod, C. M., et al., Sulfonamides, 271  
MacLeod, Grace, and Taylor, Clara M., Rose's Foundations of Nutrition, 251  
Magnetic receptors and bird navigation, 25  
Malay archipelago, geology, 4  
zoogeography, 1-14  
Marrack, J. R., Food and Planning, 250  
Martin, Emmett, Studies of Evaporation and Transpiration under Controlled Conditions, 59  
Martin, Lois, Eocene Foraminifera from the Type Lodo Formation, Fresno County, California, 55  
Massler, Maury, and Schour, Isaac, Atlas of the Mouth and Adjacent Parts in Health and Disease, 344  
Mathematical Tables Project, WPA, Table of Circular and Hyperbolic Tangents and Cotangents for Radian Arguments, 364  
Table of Reciprocals of the Integers from 100,000 through 200,009, 364  
Table of the Bessel Functions  $J_0(z)$  and  $J_1(z)$  for Complex Arguments, 364  
Tables of Lagrangian Interpolation Coefficients, 364  
Matthew, W. D., Climate and Evolution, 238  
Maurer, Rose, Soviet Health Care, 163  
May, Mark A., A Social Psychology of War and Peace, 74  
MAYE, ERNST, Wallace's Line in the Light of Recent Zoogeographic Studies, 1-14  
Medullary reaction, chick blastoderm, 199  
Melanin granules, specificity, 100  
Melanoblast migration, 103  
Melanophores of birds, control of feather pattern by, 110  
differentiation of, 112  
distribution of, 103  
in tissue culture, 112  
in white breeds of fowl, 109  
origin of, 98  
persistence of donor, 108  
response to hormones, 112  
source of, in regenerating feathers, 108  
Mesoderm formation, 189  
Mesodermal anlagen, 203  
Metcalf, Z. P., General Catalogue of the Hemiptera, Fascicle IV, Fulgoroidea, Part 3, Araeopidae, 52  
Mitosis, in myxosporidia, 215  
Mollusks, 85  
Monoecism, 86  
Montagu, M. F. Ashley, Edward Tyson, M.D., F.R.S., 1650-1708, 59  
Morgan, C. T., Physiological Psychology, 180  
MORPHOLOGY (book reviews), 59, 157, 246, 344

- Mosaic effects in domestic birds, 285  
 Movius, H. L., The Irish Stone Age, 47  
 Munoz, F. J., and Charipper, H. A., The Microscope and Its Use, 82  
 Murray, R. W., Man's Unknown Ancestors, 47  
 Myrdal, Gunnar, An American Dilemma, 264  
*Myxosporidia*, amitosis in, 217  
 growth phase, 218  
 life cycles, 213-235  
 mitosis in, 215  
 relationships of, 232  
 sexual behavior of, 229  
 sporulation in, 223  
 sporoblasts of, 219  
 terminology, 213
- National Research Council Committee on Food Habits, The Problem of Changing Food Habits, 250  
 Naus, R. W., Medical Parasitology and Zoology, 243  
 Nedzel, A. J., Vascular Spasm: Experimental Studies, 63  
 Needham, Joseph, Time: the Refreshing River, 181  
 Nervous tissue, blood vessels of, 308  
 Neural crest theory, 99  
 Neuropil, vascularization, 315  
**NEW BIOLOGICAL BOOKS**, 47-84, 144-185, 236-274, 332-368  
 Newman, Stanley, Yokuts Language of California, 357  
 Nice, Margaret M., Studies in the Life History of the Song Sparrow, 176  
 Nichols, J. T., The Freshwater Fishes of China, 245  
 NOBLE, ELMER R., Life Cycles in the *Myxosporidia*, 213-234
- Oberling, Charles, The Riddle of Cancer, 348  
 Odum, H. W., Race and Rumors of Race, 264  
 Oettingen, W. F. von, The Aliphatic Alcohols, 363  
 O'Hara, Dwight, Air-Borne Infection, 67  
 Opossum, brain vascularization, 308  
 Orban, Balint, Oral Histology and Embryology, 344  
 Orr, Gertrude, Here Come the Elephants, 53  
 Osborn, Fairfield (Ed.), The Pacific World, 366  
 Osogood, Cornelius, and Howard, G. D., Yale University Publications in Anthropology, No. 27, 354
- Papanicolaou, G. N., and Traut, H. F., Diagnosis of Uterine Cancer by the Vaginal Smear, 65  
 Parsons, R. P., Trail to Light, 69  
 Payne, Sister M. Anthony, Seasonal Experiences in Biology, 148
- PHYSIOLOGY AND PATHOLOGY** (book reviews), 63, 159, 249, 345  
 Piebaldness, 301  
 Pigment, blue, 38  
 chromatophoric, 34  
 eye, 35, 102; migration of, 118  
 melanin, 100  
 non-chromatophoric, 102
- red, brown, black, 36  
 reflecting-white, 38  
 retinal, migration of, 118  
 yellow, 37  
 Pigment cells, bird, 98  
 crustacean, 34  
 Plagiopeltids, 281  
 Podolsky, Edward, The War on Cancer, 68  
 Pomus, V. I., Buriat Mongolia, 267  
 Post, Kenneth, Plants and Flowers in the Home, 341  
 Pray, L. L., Taxidermy, 185  
 Preston, G. H., The Substance of Mental Health, 181  
 Primitive streak, formation, 192  
 regression, 193  
**PSYCHOLOGY AND BEHAVIOR** (book reviews), 72, 172, 258, 353
- Ratcliff, J. E., Science Year Book of 1944, 366  
 Recapitulation, 319  
 Reed, A. C., and Geiger, J. C., Handbook of Tropical Medicine, 166  
 Ribble, Margaret A., The Rights of Infants, 261  
 Rich, E. E. (Ed.), The Letters of John McLoughlin, 79  
 Ridgway, J. L., Scientific Illustration, 183  
 Riley, H. A., An Atlas of the Basal Ganglia, Brain Stem and Spinal Cord, 62  
 Rosen, George, The History of Miners' Diseases, 349  
 RUDNICK, DOROTHIA, Early History and Mechanics of the Chick Blastoderm, 187-212  
 Runes, D. D. (Ed.), Twentieth Century Philosophy, 80  
 Ruppert, Karl, and Denison, J. H., Jr., Archaeological Reconnaissance in Campeche, Quintana Roo, and Petén, 52
- Sanford, R. N., et al., Physique, Personality and Scholarship, 177  
 Scaphopods, 94  
 Scharfstein, B-A., Roots of Bergson's Philosophy, 83  
 SCHARRER, E., The Blood Vessels of the Nervous Tissue, 308-318  
 Schistosomes, 280  
 Schoengold, M. D. (Ed.), Encyclopedia of Substitutes and Synthetics, 184  
 Schopf, J. M., The Embryology of Larix, 243  
 Schopfer, W. H., Plants and Vitamins, 55  
 Schultz, L. P., The Catfishes of Venezuela, 245  
 Schwarzorgan, crustacean, 129  
 Sectorial mosaics, 287  
 Seiffert, Gustav, Virus Diseases in Man, Animal and Plant, 348  
 Sensory basis of bird navigation, 15-31  
**SEX** (book reviews), 70, 338  
 Sex hormones, crustacean, 134  
 Sexual differentiation in mollusks, 85-97  
 Sexuality, alternative, 93  
 consecutive, 87-93  
 in myxosporidia, 229  
 rhythmical consecutive, 93

## INDEX

- Shapiro, H. H., Applied Anatomy of the Head and Neck, 62  
 Sharpley, Harlow, *et al.* (Eds.), A Treasury of Science, 182  
 Sharp, Agnes A. (Ed.), A Dynamic Era of Court Psychiatry 1914-1944, 353  
 Sharp, L. W., Fundamentals of Cytology, 60  
 Sherman, H. C., The Science of Nutrition, 63  
 Shimer, H. W., and Shrock, R. R., Index Fossils of North America, 335  
 Sigerist, Henry E., Civilization and Disease, 253  
 Sinus gland, crustacean, 33  
 Skoog, Folke, The Inorganic Nutrition of Plants, 332-333  
 Smart, John, A Handbook for the Identification of Insects of Medical Importance, 244  
 Smedley-Maclean, Ida, Metabolism of Fat, 271  
 Smith, George, An Introduction to Industrial Mycology, 55  
 Smith, Gilbert M., Marine Algae of the Monterey Peninsula California, 339  
 Smith, K. M., Beyond the Microscope, 82  
 Smith, L. L., Jr., and Moyle, J. B., A Biological Survey and Fishery Management Plan, 342  
 Smithsonian Institution, Annual Report for the Year Ended June 30, 1942, 184  
 Smithsonian Institution, Anthropological Papers, 355, 357  
 Solomon, M. E., Tyroglyphid Mites in Stored Products, 155  
 Soper, F. L., and Wilson, D. B., *Anopheles gambiae* in Brazil: 1930 to 1940, 151  
 Soper, Fred, *et al.*, The Organization of Permanent Nation-Wide Anti-*Aedes aegypti* Measures in Brazil, 245  
 Sorokin, Pitirim A., Sociocultural Causality, Space, Time, 49  
 Spore formation, in myxosporidia, 223  
 Sporoblast, in myxosporidia, 219  
 Stekel, William, The Interpretation of Dreams, 259  
 Stern, Frances, Applied Dietetics, 252  
 Stern, Kurt, and Willheim, R., The Biochemistry of Malignant Tumors, 169  
 Steward, J. H., Culture Element Distributions: XXIII, 151  
 Stieglitz, E. H. (Ed.), Geriatric Medicine, 352  
 Stiles, Karl A., Laboratory Explorations in General Zoology, 53  
 Strain, Frances B., Your Child, His Family and Friends, 77  
 Strausbaugh, P. D., and Weimer, B. R., Elements of Biology, 334  
 Strigeids, 279  
 Strong, O. S., and Elwyn, Adolph, Human Neuroanatomy, 61  
 Strong, W. D., Cross Sections of New World Prehistory, 269  
 Stunkard, H. W., *et al.*, Parasitic Diseases and American Participation in the War, 160  
 Summer, J. B., and Somers, G. F., Chemistry and Methods of Enzymes, 168  
 Sunda islands, Lesser, 5  
 Swartz, J. H., Elements of Medical Mycology, 161  
 Sze, Szemeng, China's Health Problems, 162  
 Tail development, 195  
 Taliaferro, W. H. (Ed.), Medicine and the War, 254  
 Theroux, F. R., *et al.*, Laboratory Manual for Chemical and Bacterial Analysis of Water and Sewage, 69  
 Thompson, LaVerne R., Introduction to Microorganisms, 348  
 Thompson, W. S., Plenty of People, 359  
 Thorndike, E. L., Man and His Works, 259  
 Tiedjens, V. A., The Vegetable Encyclopedia and Gardener's Guide, 58  
 Tomkins, S. S. (Ed.), Contemporary Psychopathology, 180  
 Trematodes, 275  
 Truby, A. E., Memoir of Walter Reed, 68  
 Trueta, J., The Principles and Practice of War Surgery, 64  
 Trunk development, 195  
 Truslow, W., Body Poise, 157  
 Turner, C. E., Personal and Community Health, 162  
 Unisexuality, 93  
 University of California Publications in American Archeology and Ethnology, 356  
 Urbach, E., and Gottlieb, P. M., Allergy, 159  
 Van Melle, P. J., Shrubs and Trees for the Small Place, 59  
 Variegation, 295  
 Varrier-Jones, Sir Pendrill, Papers of a Pioneer, 257  
 Vertebrate pigment cells, 98-117  
 Vision and bird navigation, 16  
 Voronoff, Serge, The Sources of Life, 249  
 Walker, Ernest P., Alaska: America's Continental Frontier Outpost, 50  
 Walker, Helen M., Elementary Statistical Methods, 71  
 Wallace, T., The Diagnosis of Mineral Deficiencies in Plants by Visual Symptoms, 341  
 Wallace's line, 1-14  
 Walter, Kenneth, Human Physiology, 68  
 Water barriers, 1-13  
 Webb, Addison, Beekeeping, 53  
 Webber, H. J., and Batchelor, L. D., The Citrus Industry, 242  
 Weber's line, 10  
 Wedel, W. R., Archeological Investigations in Platte and Clay Counties, Missouri, 151  
 Weidenreich, Franz, The Skull of *Sinanthropus pekinensis*, 247

- Weiss, Edward, and English, O. S., *Psychosomatic Medicine*, 72  
Wellhouse, W. H., and Hendrickson, G. O., *College Biology*, 237  
West, Ranyard, *Conscience and Society*, 172  
Wetmore, Alexander, *The Birds of Southern Vera Cruz, Mexico*, 54  
Whetten, N. L., and Reicken, H. W., Jr., *The Foreign-born Population of Connecticut*, 273  
White, M. J. D., *The Chromosomes*, 62  
White, Philip R., *A Handbook of Plant Tissue Culture*, 57  
Whiteway, Helen L., *Scientific Method and the Conditions of Social Intelligence*, 182  
Wickizer, V. D., *The World Coffee Economy*, 185  
Wilcox, E. V., *Modern Farmer's Cyclopedia of Agriculture*, 335  
Wilkinson, A. E., *The Flower Encyclopedia and Gardener's Guide*, 57  
Williams, J. F., *A Textbook of Anatomy and Physiology*, 62  
Willis, L. G., *Bibliography of References to the Literature on the Minor Elements and Their Relation to Plant and Animal Nutrition*: 4th Sup. to 3rd Ed., 70  
Winn, R. B. (Ed.), *Encyclopedia of Child Guidance*, 262  
Winslow, C.-E. A., *The Conquest of Epidemic Disease*, 66  
Wolff, H. G., et al. (Eds.), *Pain*, 180  
Wolff, Werner, *The Expression of Personality*, 74  
Worthing, A. G., and Gefiner, J., *Treatment of Experimental Data*, 169  
  
X-organs, crustacean, 129  
  
Yale Medical Library, *The Harvey Cushing Collection of Books and Manuscripts*, 257  
Yale University Publications in Anthropology, 354  
Young, P. T., *Emotion in Man and Animals*, 78  
  
Zara, Louis, *Against This Rock*, 185  
Zoogeographic studies and Wallace's line, 1  
ZOOLOGY (book reviews), 52, 151, 243, 342

